

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-37. (Canceled)

38. (Currently amended) An immunogenic composition comprising an immunologically effective amount of a polypeptide comprising the amino acid sequence of SEQ ID NO:3, or a fragment of the amino acid sequence of SEQ ID NO:3, which polypeptide: (i) is immunologically identifiable by an antibody that reacts specifically with *H. pylori* cytotoxin and (ii) exhibits ~~substantially no toxicity, or substantially reduced toxicity~~ no cytotoxic activity or reduced cytotoxic activity.

39-43. (Canceled)

44. (Currently amended) An immunogenic composition comprising an immunologically effective amount of a recombinantly produced polypeptide comprising the amino acid sequence of SEQ ID NO:3, or a fragment of the amino acid sequence of SEQ ID NO:3, wherein said recombinantly produced polypeptide (i) is immunologically identifiable by an antibody that reacts specifically with *H. pylori* cytotoxin and (ii) exhibits ~~substantially no toxicity, or substantially reduced toxicity~~ no cytotoxic activity or reduced cytotoxic activity, and a pharmaceutically acceptable carrier.

45. (Currently amended) An immunogenic composition comprising an immunologically effective amount of a polypeptide comprising the amino acid sequence of SEQ ID NO:3, or a fragment of the amino acid sequence of SEQ ID NO:3, which polypeptide: (i) is immunologically identifiable by an antibody that reacts specifically with *H. pylori* cytotoxin and (ii) exhibits ~~substantially no toxicity, or substantially reduced toxicity~~ no cytotoxic activity or reduced cytotoxic activity, and a pharmaceutically acceptable carrier.

46. (Currently amended) An immunogenic composition comprising an immunologically effective amount of a recombinantly produced polypeptide comprising the amino acid sequence of SEQ ID NO:3, or a fragment of the amino acid sequence of SEQ ID NO:3, wherein said recombinantly produced polypeptide (i) is immunologically identifiable by an antibody that reacts specifically with *H. pylori* cytotoxin and (ii) exhibits ~~substantially no toxicity, or substantially reduced toxicity~~ no cytotoxic activity or reduced cytotoxic activity.